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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SECURITIES BLDG.

HELENA, MONTANA

VOL. VII, No. 8 McKEE PRINT. August, 1959

Production of crude oil and condensate from the oil and gas areas of Montana for the month of August, 1959, averaged 82,612 barrels daily, a decrease of 2,416 barrels from the average July production of 85,028.

The ten refineries in the State processed 80,799 barrels of crude oil daily for the month of August, 1959, a decrease of 2,657 barrels daily from the 83,456 barrels processed daily during the month of July, 1959.

During August, 40 wells were completed, 14 oil, 3 gas wells and 23 dry holes.

During August, the Commission issued 36 permits to drill new wells, a decrease of 4 from the 40 permits issued during July.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF AUGUST, 1959

IN STORAGE AUGUST 1st:	
By Producers	376,250
By Transporters	611,825
By Refiners	672,365
TOTAL STORAGE	1,660,440
Produced in Montana During Month	2,561,002
Imported During Month	1,769,484
TOTALS	5,990,926
DISPOSITION:	
Refined in Montana	2,504,799
Exported	1,858,046
Used for Fuel or Lost	1,238
TOTAL	4,364,083
IN STORAGE AUGUST 31st:	
By Producers	377,906
By Transporters	614,124
By Refiners	634,813
TOTAL STORAGE	1,626,843

NATURAL GAS WITHDRAWALS IN MONTANA

Month of August, 1959

Field	M Cu. FT.
Bears Den	5,527
Big Coulee	37,153
Bowdoin	37,522
Bowes	13,148
Box Elder	0
Cabin Creek	83,389
Cedar Creek	132,260
Clarks Fork	42,716
Cut Bank (Including Reagan)	433,192
Devon	14,925
Dry Creek	73,805
Elk Basin	47,243
Flat Coulee	9,580
Golden Dome	0
Grandview	78,665
Hardin	2,610
Keith Block	0
Kevin Sunburst	39,447
Pine	81,194
Plevna	18,214
Utopia	92,958
Whitlash	16,869
Miscellaneous	50,893
TOTAL	1,311,310

Total Withdrawals for August, 1958 were 1,195,516 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF AUGUST, 1959

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	404	2,451	.....	1,789	.....	1,066
5	Bannatyne	10	2,857	2,841	.....	2,982	.....	2,716
....	Belfry	....	45	.....	.....	.....	.....	45
7	Big Wall	24	3,215	17,152	.....	17,952	.....	2,415
12	Blackfoot	16	3,275	11,005	.....	10,345	116	3,819
2	Border	2	.....	183	.....	183	.....	.....
20	Bowes	83	4,353	27,915	28,342	.....	.....	3,926
1	Bredette	1	1,896	535	744	.....	.....	1,687
4	North Bredette	4	3,869	10,949	12,658	.....	.....	2,160
3	Brorson	3	3,037	3,118	3,357	.....	.....	2,798
2	Cabin Creek	93	8,075	362,949	364,031	.....	.....	6,993
27	Cat Creek	89	3,929	13,089	6,831	5,376	75	4,736
1	Clark's Fork	1	439	111	.....	.....	.....	550
3	Clark's Fork North	5	2,931	18,547	.....	16,597	.....	4,881
2	Cupton	2	315	654	.....	.....	.....	969
351	Cut Bank	1,133	124,379	173,619	169,259	.....	50	128,689
3	Deer Creek	6	2,397	19,436	20,249	.....	.....	1,584
4	Delphia	4	1,027	4,816	.....	4,902	.....	941
1	Devil's Basin	1	1,256	168	.....	244	.....	1,180
5	Dry Creek	6	868	3,684	3,007	.....	.....	1,545
20	Elk Basin	58	4,561	369,639	370,475	.....	.....	3,725
2	Fertile Prairie	2	714	870	.....	.....	259	1,325
2	Frannie	2	285	2,317	2,148	.....	.....	454
2	Gage	2	1,026	1,896	.....	1,840	1	1,081
4	Gas City	10	3,212	17,887	16,062	.....	.....	5,037
6	Glendive	12	4,467	41,947	40,360	.....	.....	6,054
3	Gypsy Basin	3	1,020	979	.....	811	.....	1,188
2	Hawk Creek	2	969	433	.....	157	.....	1,245
5	Ivanhoe	13	5,180	17,277	.....	17,408	.....	5,049
191	Kevin-Sunburst	1,393	17,052	67,151	65,934	.....	82	18,187
2	Line Coulee	2	2,173	1,005	1,764	.....	.....	1,414
1	Little Beaver	7	4,878	11,260	14,143	.....	.....	1,995
5	East Little Beaver	5	2,253	4,277	4,276	.....	.....	2,254
5	Melstone	9	2,785	5,761	.....	6,003	.....	2,543
3	Monarch	4	621	7,644	5,674	.....	.....	2,591
3	Mosser	5	295	737	.....	672	.....	360
10	Outlook Area	14	17,035	49,672	56,199	.....	.....	10,508
10	Pennel	21	5,647	45,285	46,266	.....	.....	4,666
6	Pine	138	15,782	400,953	402,309	.....	116	14,310
77	Pondera	332	7,320	44,470	43,033	.....	.....	8,757
9	East Poplar	99	26,147	319,443	323,390	.....	66	22,134
3	Northwest Poplar	4	1,212	1,891	2,346	.....	.....	757
4	Ragged Point	9	2,610	15,846	.....	15,702	.....	2,754
....	Rattlesnake Butte	....	116	.....	.....	.....	.....	116
4	Reagan	50	2,451	18,170	17,558	.....	.....	3,063
6	Red Creek	13	3,066	17,211	.....	16,447	.....	3,830
1	Redstone	1	407	434	.....	.....	.....	841
1	Repeat	1	373	3,349	2,855	.....	.....	867
8	Richey	11	5,998	16,478	15,309	.....	.....	7,167
2	Sand Creek	2	1,393	11,174	10,828	.....	.....	1,739
2	Snyder	4	563	2,177	.....	2,253	.....	487
3	Soap Creek	12	3,002	4,440	.....	4,866	.....	2,576
1	Southwest Richey	1	1,190	2,360	1,669	.....	.....	1,881
5	Stensvad	16	10,939	123,753	120,739	.....	794	13,159
24	Sumatra	79	18,959	179,022	176,852	.....	.....	21,129
3	Sweetgrass Hills	3	889	445	.....	911	.....	423
9	Whitlash	35	16,211	2,745	2,800	1,360	.....	14,796
6	Wills Creek	11	8,359	33,557	33,611	.....	.....	8,305
9	Wolf Springs	19	5,176	41,580	41,578	.....	.....	5,178
2	Woodrow	2	696	2,245	2,331	.....	.....	610
....	Yellowstone	....	651	.....	.....	.....	.....	651
915		3,893	376,250	2,561,002	2,428,987	128,800	1,559	377,906

Total Oil Produced and Shipped From Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1958	27,958,649	76,593	27,878,576	76,379
First Quarter, 1959	7,287,446	80,971	7,258,943	80,654
Second Quarter, 1959	7,262,121	79,803	7,245,821	79,624
July, 1959	2,635,882	85,028	2,634,642	84,988
August, 1959	2,561,002	82,612	2,557,787	82,509

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1958	342,798	707,901	518,033	1,568,732
March, 1959	368,699	661,262	562,586	1,592,547
June, 1959	376,081	627,475	812,606	1,816,162
July, 1959	376,250	611,825	672,365	1,660,440
August, 1959	377,906	614,124	634,813	1,626,843

*Includes Wyoming Oil

TRANSPORTERS REPORT

MONTH OF AUGUST, 1959

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			1,789				1,789		
BANNATYNE—Truck			2,982			2,982			
BIG WALL—Truck			17,952			17,331	621		
BLACKFOOT—Union Oil Co.			10,345			10,345			
BORDER—Truck			183			183			
BOWES—									
Trigood Oil Co.	2,881	4,201			96	3,919			3,067
Texaco Inc.		24,141				24,141			
	2,881	28,342				28,060			3,067
BRORSON—Sun Oil Company		3,357					3,357		
CABIN CREEK & OTHERS*—									
Butte Pipe Line Co.	291,220	859,847		492,132			1,349,111		294,088
Shell Pipe Line Corp.	2,811	79,608			(1,139)			82,416	1,142
	294,031	939,455		492,132	(1,139)		1,349,111	82,416	295,230
CAT CREEK—									
Continental Pipe Line Co.	3,774	6,831			(537)	6,762			4,380
Truck			5,376			5,376			
	3,774	6,831	5,376		(537)	12,138			4,380
CLARK'S FORK—Truck			16,597				16,597		
CUT BANK—									
Big West Oil Co.		1,448		22,397		23,845			
Darling Gathering System, Inc.	2,977	3,486						5,215	1,248
Phillips Petroleum Co.	39,965	47,058		23,324	(1,509)	64,055		23,324	24,477
Texas Pipe Line Co.	30,695	32,957		12,580	(451)	22,954		20,568	33,161
Toronto Pipe Line Co.	29,032	44,806			(103)			42,721	31,220
Union Oil Co.	105,313	44,661		36,256	435	67,322			118,473
	207,982	174,416		94,557	(1,628)	178,176		91,828	208,579
DEVILS BASIN—Truck			244				244		
DELPHIA—Truck			4,902			4,902			
DRY CREEK—Ohio Oil Co.	8,345	3,007			32	3,352			7,968
ELK BASIN—Ohio Oil Co.		370,475					370,475		
FRANNIE—Ohio Oil Co.		2,148					2,148		
GAGE—Truck			1,840			1,840			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
The Texas Pipe Line Co.	5,706	72,671			(134)		21,953	50,323	6,235
GYPSY BASIN—Truck			811			811			
HAWK CREEK—Truck			157			157			
IVANHOE—Truck			17,408			9,272	8,136		
KEVIN-SUNBURST—									
Big West Oil Co.	2,161	43,273				43,264			2,170
Homestake Oil & Gas Co.	994	3,114		5,215				8,102	1,221
The Texas Pipe Line Co.	4,077	28,015			355	27,660			4,077
	7,232	74,402		5,215	355	70,924		8,102	7,468
MELSTONE—Truck			6,003			6,003			
MOSSER—Truck			672				672		
PONDERA—Phillips Petr. Co.	13,601	46,478			114	50,370			9,595
POPLAR, BREDETTE, OUTLOOK, LINE COULEE, REDSTONE & RICHEY—									
East Poplar Gathering System	24,355	370,186			1,384			359,392†	33,765
RAGGED POINT—Truck			15,702			15,702			
REAGAN—Union Oil Co.		17,558				17,558			
RED CREEK—Truck			16,447			9,723	6,724		
SNYDER—Truck			2,253				2,253		
SOAP CREEK—Truck			4,866				4,866		
SUMATRA & STENSVAD —									
Powder River Pipe Line Inc.	34,872	282,114			(467)	222,353	69,100		26,000
SWEETGRASS HILLS—Truck			911			911			
WHITLASH—									
Homestake Oil & Gas Co.				2,962		2,962			
Western Natural Gas Co.	2,013	2,800						2,805	2,008
Truck			1,360			1,360			
	2,013	2,800	1,360	2,962		4,322		2,805	2,008
WOLF SPRINGS—									
Powder River Pipe Line Co.	7,033	41,891			205	38,890			9,829
TOTALS	611,825	2,436,131	128,800	594,866	(1,719)	706,305	1,858,046	594,866	614,124

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF AUGUST, 1959

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phillips Petr. Co.	Texaco Inc.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Blackfoot										9,135	9,135
Border	373										373
Bowes				24,395							24,395
Cat Creek			6,041		1,393	6,534					13,968
Clark's Fork					158						158
Cut Bank	16,592						63,746	0		74,801	155,139
[redacted]elphia						4,223					4,223
Dry Creek					5,078						5,078
Elk Basin		186,179	83,691								269,870
Gage					291	2,013					2,304
Ivanhoe						3,525					3,525
Kevin-Sunburst	51,951							0			51,951
Melstone					6,105						6,105
Pondera							55,465				55,465
Reagan										17,558	17,558
Red Creek		8,405									8,405
Soap Creek									4,683		4,683
Sumatra		171,134	699		95,880						267,713
Sweetgrass Hills	741										741
Whitlash										1,193	1,193
Wolf Springs		38,974									38,974
Total Montana Oil	69,657	404,692	90,431	24,395	108,905	16,295	119,211	0	4,683	102,687	940,956
[redacted]anadian Oil Imported											
Wyoming Oil Imported		771,258	281,850		510,735						1,563,843
TOTAL Montana, Canadian and Wyoming Oil	69,657	1,175,950	372,281	24,395	619,640	16,295	119,211	0	4,683	102,687	2,504,799

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1958	25,108	32	38,599	63,739
August, 1958	21,536	....	50,918	72,454
August, 1959	30,353	....	50,446	80,799

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
39.39%	.05%	60.56%
29.72%		70.28%
37.57%		62.43%